## **EAST Search History**

| Ref# | Hits | Search Query   | DBs   | Default<br>Operator | Plurals | Time Stamp          |
|------|------|--|---|---------------------|---------|---------------------|
| S1   | 98   | fiolka-damian.in.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2008/11/05<br>07:12 |
| S2   | 46   | fiolka-damian.in.  | US-PGPUB;<br>USPAT; USOCR   | OR                  | ON      | 2008/11/05<br>07:12 |
| S3   | 12   | deguenther-markus.in.  | US-PGPUB;<br>USPAT; USOCR   | OR                  | ON      | 2008/11/05<br>07:12 |
| S4   | 0    | deguenther-markus-\$.in.   | US-PGPUB;<br>USPAT; USOCR   | OR                  | ON      | 2008/11/05<br>07:12 |
| S5   | 0    | fiolka-damian-\$.in.   | US-PGPUB;<br>USPAT; USOCR   | OR                  | ON      | 2008/11/05<br>07:12 |
| S6   | 52   | ("20020149847"   "20020186462"   "20040169924"   "20040240073"   "20050164522"   "20060119826"   "20060158624"   "20060170901"   "20070139636"   "20070146676"   "3438692"   "3484714"   "3630598"   "4272158"   "4712880"   "5459000"   "5867315"   "6191880"   "6246506"   "6252712"   "6258433"   "6553156"   "6721258"   "6885502"   "6943941").PN.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2008/11/05<br>07:20 |
| S7   | 48   | ("20010019404"   "20010046038"   "20020036763"   "20020075468"   "20020109827"   "20020126931"   "20020167737"   "20020176166"   "20030030780"   "20040012764"   "4755027"   "4755027"   "5195159"   "5343489"   "5357312"   "5675401"   "5726740"   "6191880"   "6258443"   "6259512"   "6377336"   "6452663"   "6535273"   "6597430"   "6864960").PN.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2008/11/05<br>07:25 |
| S8   | 29   | (("6285443") or ("6252712") or ("6258433") or ("6246506") or ("20020149847") or ("6885502") or ("6943941") or ("4272158") or ("4712880") or ("6252712") or ("6553156") or ("20040169924") or ("20050164522") or ("3484714") or ("5459000") or ("20020186462") or ("20040240073") or ("20060119826") or ("20070139636") or ("20070146676") or ("20060158624") or ("20060158424") or ("20060170901") or ("6721258") or ("6191880") or ("3438692") or ("3630598") or ("5867315")).PN. | US-PGPUB;<br>USPAT; USOCR   | OR                  | OFF     | 2008/11/05<br>07:31 |
| S9   | 4785 | 359/483,485,487,488,489,494-497,500,501.<br>ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2008/11/05<br>08:49 |

| S10 | 39  | S9 and ((optical\$3 near2 active) same quartz)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/11/05<br>08:49 |
|-----|-----|--|---|----|-----|---------------------|
| S11 | 343 | polari?\$6 and ((optical\$3 near2 active)<br>same quartz)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/11/05<br>09:11 |
| S12 | 54  | S11 and (lithography or microlithography)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/11/05<br>09:13 |
| S13 | 92  | S11 and (thick\$4 same (variable or vary<br>\$3))  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/11/05<br>09:49 |
| S14 | 11  | S11 and raster   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/11/05<br>10:25 |
| S15 | 28  | (S2 or S3) and raster  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/11/05<br>10:34 |
| S16 | 46  | (polari?\$6 same ((first or second) near4 angle\$2)) and ((optical\$3 near2 active) same quartz) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/11/05<br>10:42 |
| S17 | 1   | ("20020149847").PN.  | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2008/11/05<br>10:52 |
| S18 | 35  | (tangent\$4 near4 polari?\$6) and ((optical<br>\$3 near2 active) same quartz)                    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/11/05<br>11:28 |
| S19 | 288 | (polari?\$6 same ((first or second) near4 angle\$2)) and ((birefring\$4) same quartz)            | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/11/05<br>12:15 |

| S20 | 305   | S9 and ((birefring\$4) same quartz)                                | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/05<br>12:16 |
|-----|-------|--|---|----|----|---------------------|
| S21 | 50    | S19 and (lithography or microlithography)                          | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/05<br>12:17 |
| S22 | 9     | S20 and raster   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/05<br>12:17 |
| S23 | 69    | (tangent\$4 near4 polari?\$6) and ((birefring<br>\$4) same quartz) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/05<br>12:18 |
| S24 | 187   | (tangent\$4 near4 polari?\$6) and ((birefring<br>\$4))             | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/05<br>12:44 |
| S25 | 32    | S24 and S9   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/05<br>12:44 |
| S26 | 386   | 359/489.œls.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/05<br>14:53 |
| S27 | 27    | (S2 or S3) and variable  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/05<br>14:58 |
| S28 | 32    | (S2 or S3) and thickness   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/05<br>15:04 |
| S29 | 10662 | 355/67,53,71.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/05<br>15:30 |

| S30         | 607   | 362/19.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/05<br>15:30 |
|-------------|-------|--|---|----|----|---------------------|
| S31         | 168   | (tangent\$4 near4 polari?\$6) and (S29 or<br>S30)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/05<br>15:32 |
| S32         | 10    | ("20020085276"   "20020152452"  <br>"20020177048"   "20020177054"  <br>"5559583"   "5621498"   "6259512"  <br>"6361909"   "6452662"   "6842223").PN.<br>OR ("7446858").URPN.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/11/05<br>15:40 |
| S33         | 49    | (tangent\$4 near4 polari?\$6) and (S9)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/05<br>15:47 |
| S34         | 25    | ("2759393"   "3283262"   "3310358"  <br>"3660779"   "4630274"   "4636611"  <br>"4642439").PN. OR ("4755027").URPN.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/11/05<br>15:56 |
| S35         | 15707 | S9 S29 S30   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/05<br>16:36 |
| <b>S</b> 36 | 533   | S35 and (thick\$4 near5 (variable or different))   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/05<br>16:37 |
| S37         | 13    | S36 and (polari?\$6 same tangent\$3)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/05<br>16:37 |
| <b>S</b> 38 | 41    | ("20010012154"   "20020126380"   "20020149757"   "20020176166"   "20030011759"   "20030174400"   "20040033426"   "20040057036"   "20060055834"   "3600611"   "5300972"   "5442184"   "5465220"   "5537260"   "5572287"   "5646715"   "5673103"   "5677755"   "5715084"   "5815247"   "5922513"   "5933219"   "5966202"   "6013401"   "6084708"   "6097474"   "6141148"   "6163367"   "6191880"   "6252712"   "6285443"   "6324003"   "6333780"   "6392800"   "6466303"   "6483573"   "6552836"   "6636295"   "6661499"   "6673103"   "7015456").PN. OR ("7408616").URPN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/11/05<br>16:39 |

| S39 | 350   | different)) and ((optical\$3 near2 active) or   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/11/05<br>16:44 |
|-----|-------|---|---|----|-----|---------------------|
| S40 | 89    | S35 and (thick\$4 near5 (variable or different)) same ((optical\$3 near2 active) or birefring\$4 or quartz)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/11/05<br>16:44 |
| S41 | 1     | ("20050164522").PN.   | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2008/11/13<br>08:00 |
| S42 | 95    | ("20020163629"   "20040009425"   "20040175647"   "20050074686"   "20050075517"   "4453028"   "4510335"   "4523039"   "4570004"   "4605786"   "4675452"   "4755567"   "4757145"   "4760198"   "4788350"   "4803005"   "4808472"   "4827042"   "4859747"   "4889939"   "4894484"   "4904417"   "4925417"   "4925583"   "4931199"   "4973716"   "5000830"   "5025093"   "5032302"   "5053536"   "5075509"   "5093432"   "5132455"   "5185473"   "5198139"   "5202480"   "5202501"   "5254699"   "5300683"   "5322790"   "5322904"   "5332903"   "5382614"   "5420354"   "5446209"   "5455373"   "5461117"   "6157662"   "6369398").PN. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/11/13<br>08:03 |
| S43 | 16    | S42 and immersion   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/11/13<br>08:03 |
| S44 | 4896  | 359/483,485,487,488,489,494-497,500,501.<br>ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/16<br>12:55 |
| S45 | 10975 | 355/67,53,71.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/16<br>12:55 |
| S46 | 626   | 362/19.œls.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/16<br>12:55 |

| S47 | 16140 | S44 S45 S46  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/16<br>12:55 |
|-----|-------|--|---|----|-----|---------------------|
| S48 | 95    | S47 and (thick\$4 near5 (variable or different)) same ((optical\$3 near2 active) or birefring\$4 or quartz)              | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/16<br>12:55 |
| S49 | 631   | polari?\$6 and (thick\$4 near5 (variable or<br>different)) same ((optical\$3 near2 active)<br>or birefring\$4 or quartz) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/16<br>12:59 |
| S50 | 2     | (("3892470") or ("20020186462")).PN.   | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2009/03/16<br>13:14 |
| S51 | 12    | ("2346247"   "2637243").PN. OR<br>("3892470").URPN.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2009/03/16<br>13:14 |
| S52 | 10    | ("3892469"   "3892470").PN. OR<br>("4175830").URPN.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2009/03/16<br>13:21 |
| S53 | 631   | polari?\$6 and (thick\$4 near5 (variable or<br>different)) same ((optical\$3 near2 active)<br>or birefring\$4 or quartz) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/19<br>08:01 |
| S54 | 117   | polari?\$6 and ((tangent\$5 near4 polari?\$6)<br>same ((optical\$3 near2 active) or birefring<br>\$4 or quartz))         | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/19<br>08:20 |
| S55 | 117   | ((tangent\$5 near4 polari?\$6) same ((optical<br>\$3 near2 active) or birefring\$4 or quartz))                           | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/19<br>08:38 |
| S56 | 346   | ((tangent\$5 near4 polari?\$6) and ((optical<br>\$3 near2 active) or birefring\$4 or quartz))                            | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/19<br>08:39 |
| S57 | 229   | S56 not S54  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/19<br>08:39 |
| S58 | 3     | (("20010012154") or ("5841500") or ("20030007158")).PN.  | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2009/03/19<br>08:41 |

| S59 | 5 | (polari?\$6 and optical\$3 and active and | US-PGPUB;    | OR | ON | 2009/03/19 |
|-----|---|---|--------------|----|----|------------|
|     |   | thickness and linear and tangent\$3).clm. | USPAT;       |    |    | 09:31      |
|     |   |   | USOCR; FPRS; |    |    |            |
|     |   |   | EPO; JPO;    |    |    |            |
|     |   |   | DERWENT;     |    |    |            |
|     |   |   | BM_TDB       |    |    |            |

3/30/2009 8:00:47 AM

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